

2113 #6



OIKE

RAW SEQUENCE LISTING

DATE: 02/21/2002

PATENT APPLICATION: US/09/873,075A

TIME: 12:40:51

Input Set : A:\10038a.ST25.txt

Output Set: N:\CRF3\02212002\I873075A.raw

ENTERED

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3 <110> APPLICANT: Svendsen, Allan
4     Schroder Glad, Sanne
5     Fukuyama, Shiro
6     Matsui, Tomoko
8 <120> TITLE OF INVENTION: Cutinase variants
10 <130> FILE REFERENCE: 10038.200-US
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/873,075A
C--> 12 <141> CURRENT FILING DATE: 2001-06-01
12 <160> NUMBER OF SEQ ID NOS: 10
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 194
18 <212> TYPE: PRT
19 <213> ORGANISM: Humicola insolens
21 <400> SEQUENCE: 1
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24 1           5           10           15
27 Cys Pro Asp Ala Ile Leu Ile Phe Ala Arg Gly Ser Thr Glu Pro Gly
28           20           25           30
31 Asn Met Gly Ile Thr Val Gly Pro Ala Leu Ala Asn Gly Leu Glu Ser
32           35           40           45
35 His Ile Arg Asn Ile Trp Ile Gln Gly Val Gly Gly Pro Tyr Asp Ala
36           50           55           60
39 Ala Leu Ala Thr Asn Phe Leu Pro Arg Gly Thr Ser Gln Ala Asn Ile
40 65           70           75           80
43 Asp Glu Gly Lys Arg Leu Phe Ala Leu Ala Asn Gln Lys Cys Pro Asn
44           85           90           95
47 Thr Pro Val Val Ala Gly Gly Tyr Ser Gln Gly Ala Ala Leu Ile Ala
48           100          105          110
51 Ala Ala Val Ser Glu Leu Ser Gly Ala Val Lys Glu Gln Val Lys Gly
52           115          120          125
55 Val Ala Leu Phe Gly Tyr Thr Gln Asn Leu Gln Asn Arg Gly Gly Ile
56           130          135          140
59 Pro Asn Tyr Pro Arg Glu Arg Thr Lys Val Phe Cys Asn Val Gly Asp
60 145          150          155          160
63 Ala Val Cys Thr Gly Thr Leu Ile Ile Thr Pro Ala His Leu Ser Tyr
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67 Thr Ile Glu Ala Arg Gly Glu Ala Ala Arg Phe Leu Arg Asp Arg Ile
68           180          185          190
71 Arg Ala
75 <210> SEQ ID NO: 2
76 <211> LENGTH: 17
77 <212> TYPE: PRT

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78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Synthetic
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89 Arg
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94 <211> LENGTH: 42
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Primer
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106 <211> LENGTH: 16
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111 <223> OTHER INFORMATION: Primer
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117 <210> SEQ ID NO: 5
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119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
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123 <223> OTHER INFORMATION: Primer
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127 <222> LOCATION: (43)..(43)
128 <223> OTHER INFORMATION: n denotes a, g, c or t
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138 <221> NAME/KEY: misc_feature
139 <222> LOCATION: (49)..(49)
140 <223> OTHER INFORMATION: n denotes a, g, c or t
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149 <210> SEQ ID NO: 6
150 <211> LENGTH: 41
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:

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155 <223> OTHER INFORMATION: Primer
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162 <211> LENGTH: 22
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169 <400> SEQUENCE: 7
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175 <212> TYPE: DNA
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200 <213> ORGANISM: Artificial Sequence
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VERIFICATION SUMMARY

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5